SAMSUNG

MP3 Player

user manual

features of your new MP3 Player

Good looking. Smart. Reliable. And lots of fun. Your new MP3 player is all this and more. Its compact silhouette takes up the tiniest space in your pocket, and its state-of-the-art technology delivers rich sound. You'll love your new MP3 player, whether you're exercising, downloading your favorite tunes, or even listening to FM Radio. Use it once, and you'll wonder how you ever lived without it.

USER-FRIENDLY INTERFACE!

The MP3 player is an USB-integrated product with no need for a USB cable, which offers you with fast data transfer and convenient recharging.

FREEDOM OF MY FAVORITE SELECTION WITH MP3 PLAYER!

You can edit your favorite music files in the playlist.

EXPANSION AND COMPATIBILITY

With your new player, you're not limited to MP3 files. Your player supports MP3 and WMA and Ogg formats.

TOUCH NAVIGATION!

You can tap on the touch pad to navigate through the menus.

LONGER PLAY TIME AND SHORTER DOWNLOADING!

A fully charged battery can play up to 15 hours of music (when using the earphone).

Download times are shorter. Because of its USB 2.0 capability, the player is much faster than models with USB 1.1.

ACOUSTIC WONDER

Your new MP3 player has built-in DNSe (Digital Natural Sound engine), Samsung's™ unique sound technology created to deliver richer, deeper sound for an unbelievable listening experience.

WHERE FORM MEETS FUNCTION

Sure, it's sleek and good-looking. But it's easy to hold and use, too.

safety information

What the icons and signs in this user manual mean :

WARNING	Means that death or serious personal injury is a risk.
CAUTION	Means that there is a potential risk for personal injury or material damage.
CAUTION	To reduce the risk of fire, explosion, electric shock, or personal injury when using your MP3 Player, follow these basic safety precautions:
NOTE	Means hints or referential pages that may be helpful to operate the player.

	Do NOT attempt.
	Do NOT disassemble.
	Do NOT touch.
	Follow directions explicitly.
	Unplug the power plug from the wall socket.
	Call the service center for help.

These warning signs are here to prevent injury to you and others.
Please follow them explicitly.
After reading this section, keep it in a safe place for future reference.

safety information

This manual describes how to properly use your new mp3 player.
Read it carefully to avoid damaging the player and injuring yourself.
Pay particular attention to the following serious warnings:

PROTECT YOURSELF

- Do not disassemble, repair, or modify this product on your own.

- Do not get the product wet or drop it in water. If the product gets wet, do not switch it on because you could get an electric shock. Instead, contact a Samsung Customer Service Center near you.

- Do not use the earphone while you are driving a bicycle, automobile or motorcycle.
  Otherwise it can cause a serious accident and, furthermore, it is prohibited by the law in some areas.
  Using the earphone while walking or jogging on a road, in particular, on the crosswalk can lead to a serious accident.
- For your safety, make sure the earphone cable does not get in the way of your arm or other surrounding objects while you are taking exercise or a walk.
- Take caution when you use the player with the USB plug pulled out.
  The sharp USB connection plug may cause injury.

- Do not place the product in damp, dusty, or sooty areas because these environments could lead to fire or electric shock.

PROTECT YOURSELF

WARNING

- Using the earphone or headphone for an extended time can cause a serious damage to your hearing.
  If you are exposed to a sound in higher than 85db for an extended time, you will be adversely affecting your hearing. The higher the sound is, the more seriously damaged your hearing may be (an ordinary conversation is made in 50 to 60db and the noise level on the road is approximately 80db).
  You are strongly advised to set the volume level to medium (the medium level is usually less than 2/3 of the maximum).
- If you feel a ringing in the ear(s), lower the volume or stop using the earphone or headphone.

PROTECT YOUR MP3 PLAYER

- Do not leave the player in temperatures above 95°F (35°C), such as a sauna or a parked car.
- Do not cause excessive impact on the player by dropping it.
- Do not place heavy objects on top of the player.
- Prevent any foreign particles or dust from entering into the product.
- Do not place the product near magnetic objects.

- Be sure to backup important data. Samsung is not responsible for data loss.
- Use only accessories provided by or approved by Samsung.

CAUTION

- Do not spray water on the product. Never clean the product with chemical substances such as benzene or thinner, as it may cause fire, electric shock or deteriorate the surface.

CAUTION

- Failure to follow these instructions may lead to physical injuries or damage to the player.

NOTE

- When printing this user manual, we recommend that you print in color and check “Fit to Page” in the print option for better viewing.

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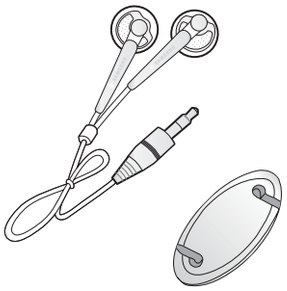
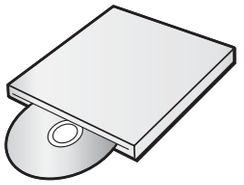
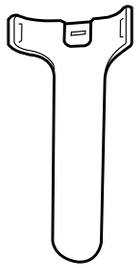
the basics

WHAT'S INCLUDED

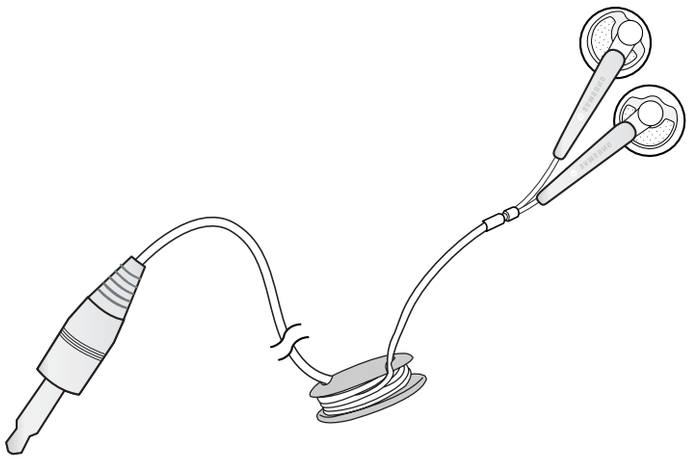
Your new mp3 player comes with these accessories. If you're missing any of these items, contact Samsung Customer Service Center.

			
Player	**Earphones/ Cable Winder**	**Installation CD**	**Clip**

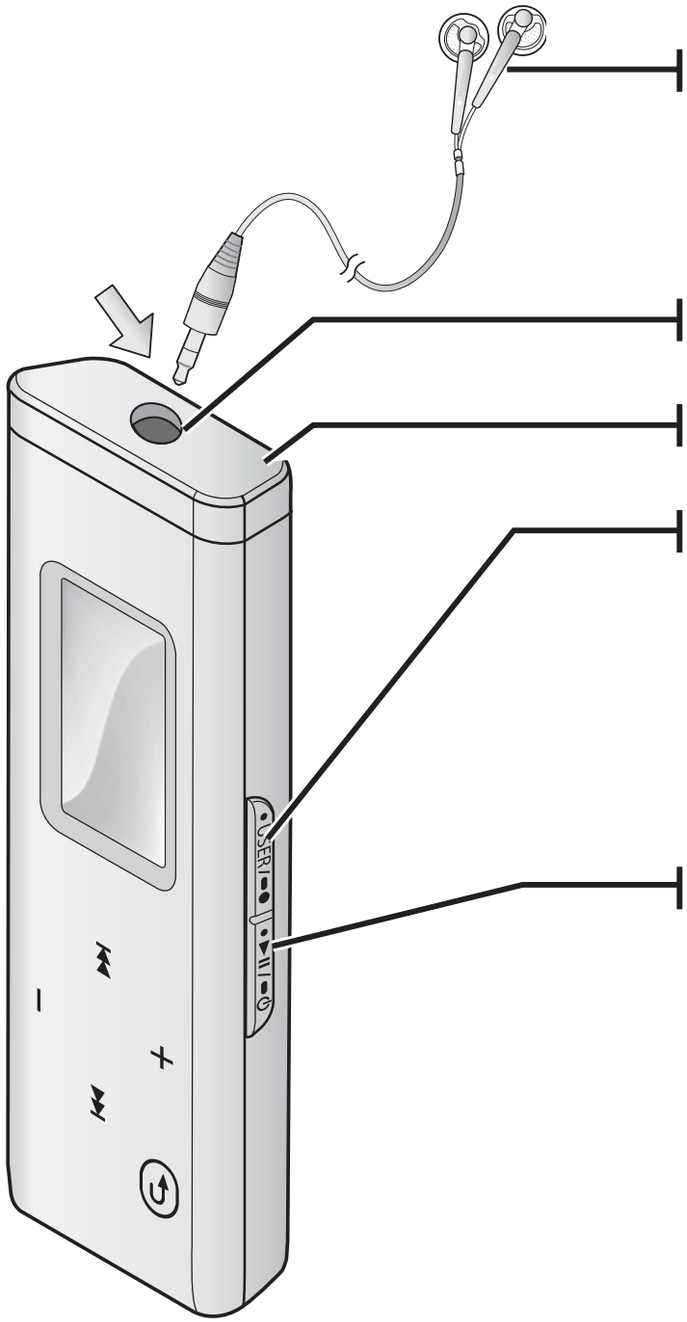
The accessories in your box may look slightly different than these.

USING THE CABLE WINDER

1. Insert the earphone cable into the winder and wind it around.
2. Clip the earphone cable into the two holes of the winder.



YOUR MP3 PLAYER



Earphones

Labeled “L” for the left earpiece and “R” for the right earpiece. Also serves as an antenna for FM Radio in the MP3 player.

Earphone connection jack

LED Lighting

User/Recording button •USER/⏺

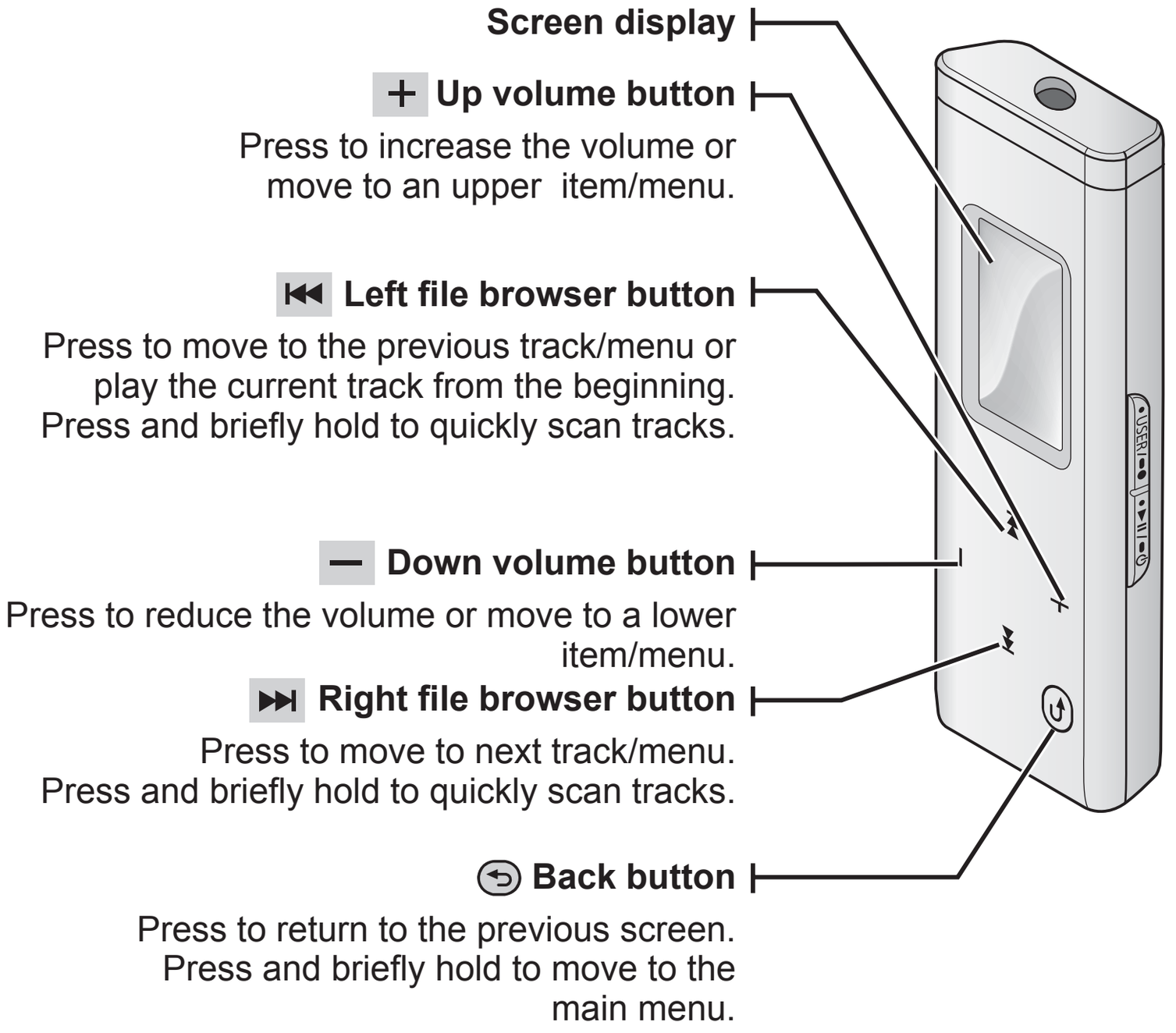
Press to set section repetition, DNSe, Play Speed, Play Mode, or stop recording. Press and briefly hold to start recording.

Power & Play/Pause button •►II/⏻

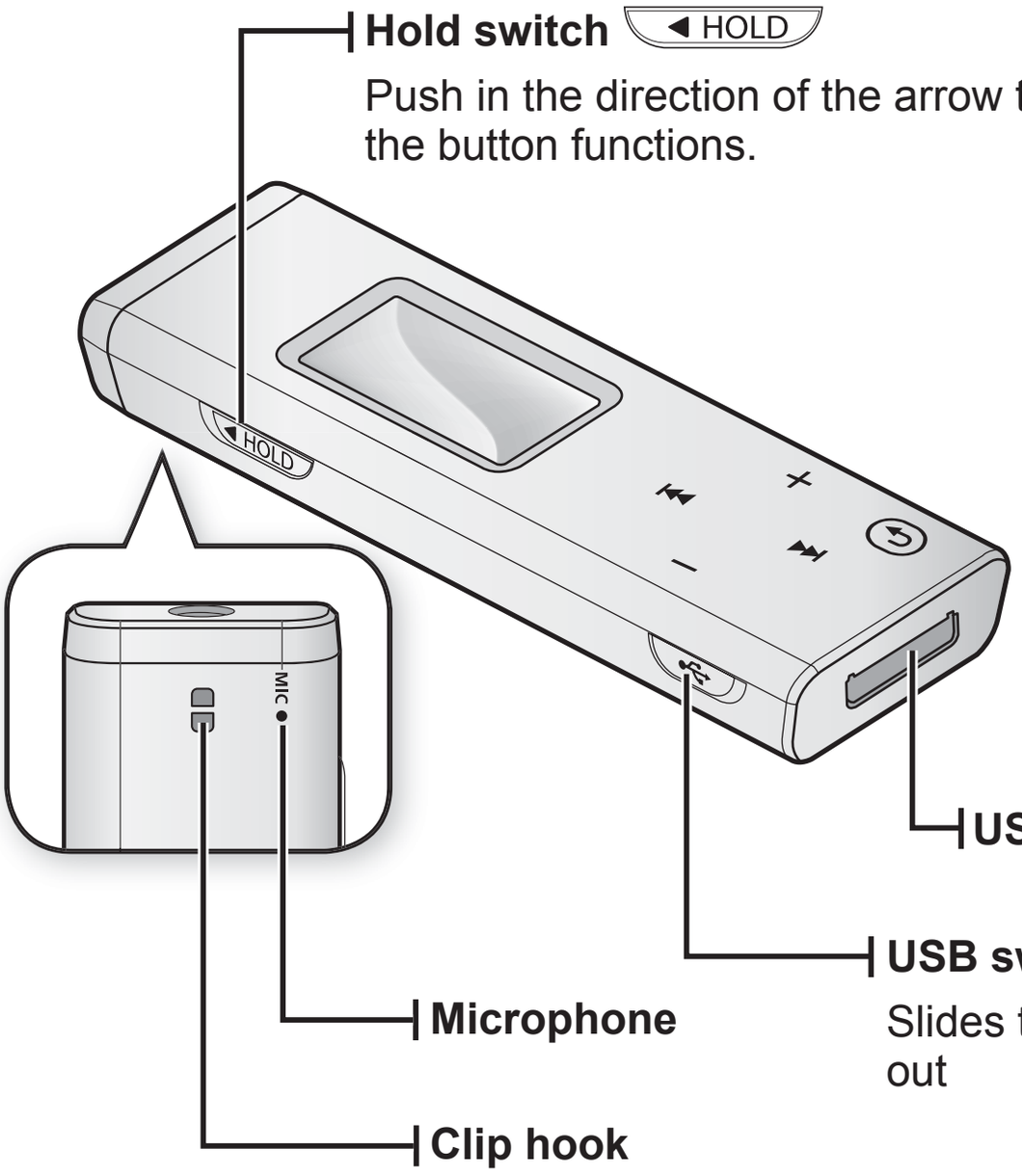
Press for play/pause and move to the selected menu/confirm and save your selection. Press and briefly hold for power on/off.

YOUR MP3 PLAYER (Continued)

These buttons are ‘Touch’ buttons.

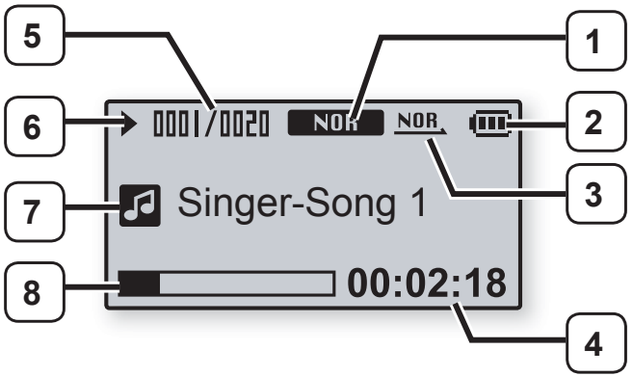

Screen display
+ Up volume button
Press to increase the volume or move to an upper item/menu.
⏮ Left file browser button
Press to move to the previous track/menu or play the current track from the beginning. Press and briefly hold to quickly scan tracks.
— Down volume button
Press to reduce the volume or move to a lower item/menu.
⏭ Right file browser button
Press to move to next track/menu. Press and briefly hold to quickly scan tracks.
Back button
Press to return to the previous screen. Press and briefly hold to move to the main menu.

YOUR MP3 PLAYER (Continued)



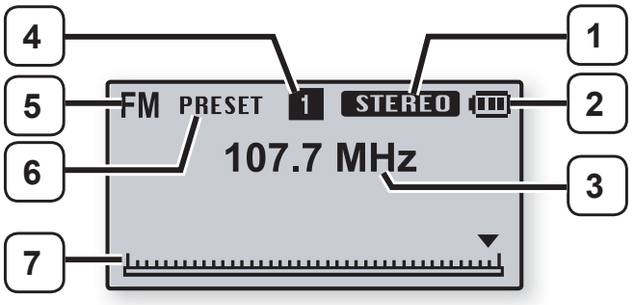
SCREEN DISPLAYS

Music



1	DNSe, Play Speed Indicator
2	Battery Indicator
3	Repeat A-B, Play Mode Indicator
4	Play Time Indicator
5	Current Music Number/ Total Number Indicator
6	Play/Pause, Search Indicator
7	Music Title Indicator
8	Play Status Bar

FM Radio



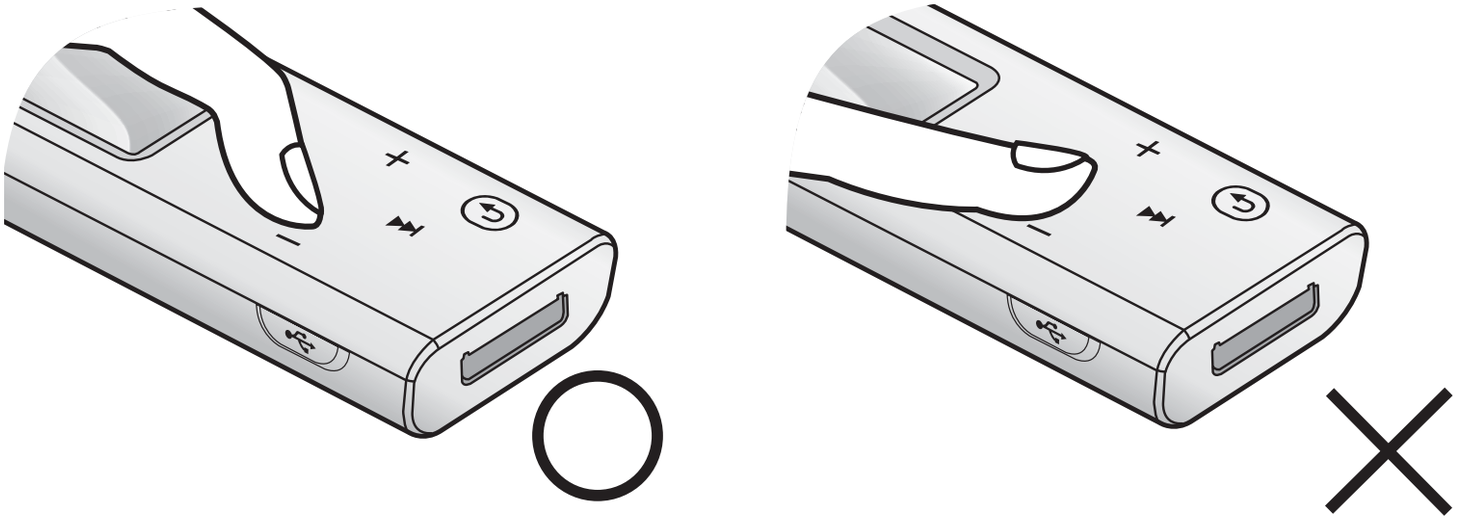
1	Mono/Stereo Indicator
2	Battery Indicator
3	Current Frequency(MHz) Indicator
4	Preset number Indicator
5	FM Radio Indicator
6	Manual/Preset Indicator
7	Frequency Location Indicator

NOTE

- The screen pictures are for illustration purposes only. The actual screen may differ.

USING THE TOUCH BUTTON

Tap on touch screen with your fingertip.

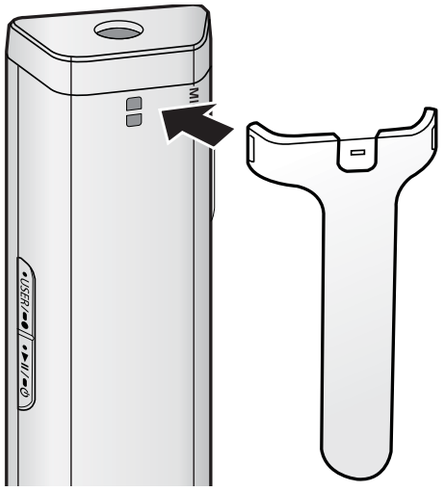


NOTE

- To avoid damage to the touch screen, do not use any object other than your fingers to operate the touch screen.
- Do not tap on the touch screen if your fingers are not clean.
- Do not tap on the touch screen with gloves on.

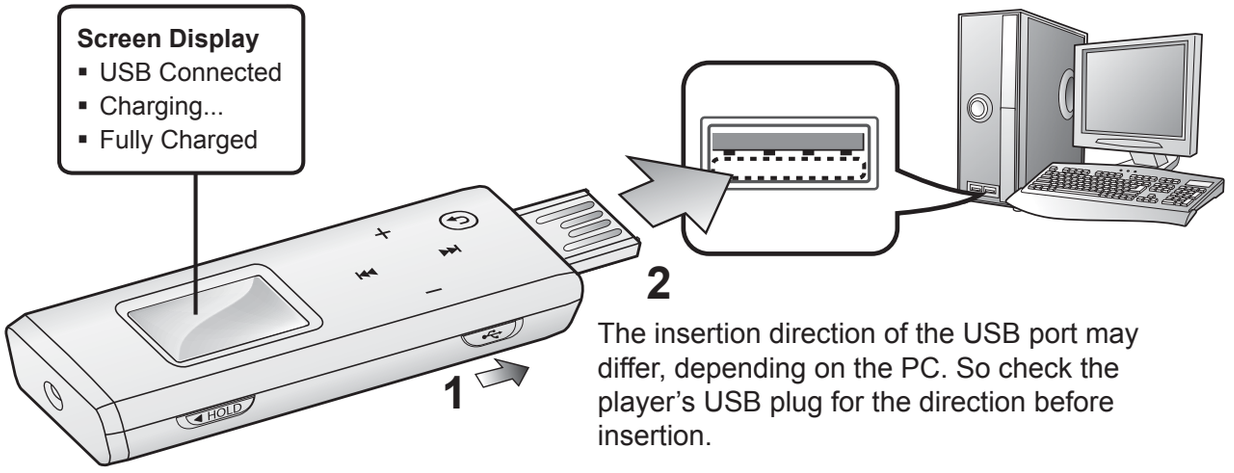
USING THE CLIP

Fasten the clip by inserting its protruding part to the clip hook.



CHARGING THE BATTERY

The battery for your mp3 player will fully charge in about one and a half hours, although total charging time varies depending on your PC environment. Charge it before using the player for the first time and when you haven't used it for a long time.


Screen Display
▪ USB Connected
▪ Charging...
▪ Fully Charged
HOLD
1
2
The insertion direction of the USB port may differ, depending on the PC. So check the player's USB plug for the direction before insertion.

1. Slide the **switch**.

- The USB plug is revealed.

2. Connect the USB plug to the USB port ( ) on your PC as in the figure.

CARING FOR THE BATTERY

Your battery will last longer if you follow these simple guidelines for caring for and storing it.

- Recharge and store the battery within the temperature range of 40°F~95°F (5°C~35°C).
- Do not overcharge (longer than 12 hours).
  Excessive charging or discharging may shorten the battery's life.
- Battery life naturally shortens slowly over time.

NOTE

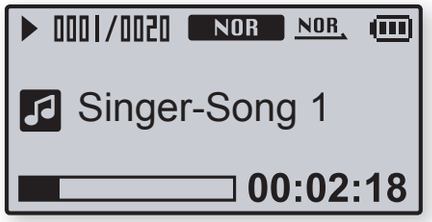
- If you are charging the player while it is connected to a laptop computer, make sure the laptop's battery is also fully charged or that the laptop is plugged into its power source.

TURNING THE POWER ON & OFF

Turning the Power on

Press and briefly hold the •►II/▬⏻ **button**.

- Power is turned on.



Turning the Power off

Press and briefly hold the •►II/▬⏻ **button**.

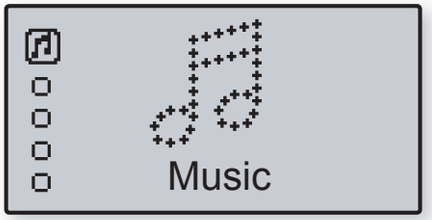
- Power is turned off.

NOTE

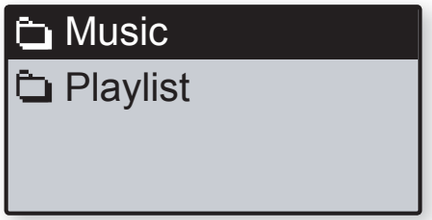
- Your mp3 player will be automatically turned off when none of the buttons have been pressed for a specific length of time in the pause mode. The factory setting for **<Auto Power Off>** is 1 minute, but you can change this length of time. See page 22 for more information.

PLAYING MUSIC

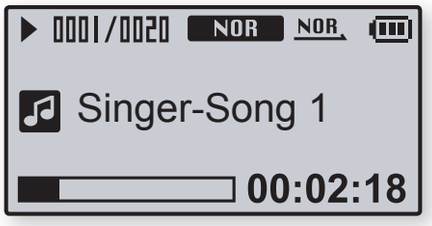
Load music files onto your new mp3 player using Samsung Media Studio. Learn more about Media Studio on page 29.



1. Press and briefly hold the **[⮌] button** to move to the main menu screen.
2. Press the **[+ , —] button** to select **<Music>** and then press the **[⏭] button**.
   - The <Music> list will appear.



3. Press the **[+ , —] button** to select the desired list and then press the **[⏭] button**.
4. Press the **[+ , — , ⏮ , ⏭] button** to select the file to play and then press the **[⏯] button**.
   - The music will start playing.



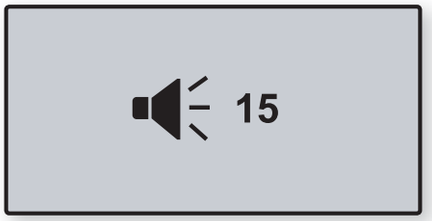
NOTE

- Press the **[⮌] button** to move to the previous screen. Press and briefly hold the **[⮌] button** to move to the main menu.

CONTROLLING THE VOLUME

Press the **[+ , —] button**.

- You will see a volume control icon.
- Press the **[+] button** to increase the volume or the **[—] button** to decrease it.



DISABLING THE BUTTONS

The hold function disables all the other buttons on the mp3 player, so that if you accidentally bump one-while working out, for example-your music won't be interrupted.

1. Push the ◄HOLD **switch** in the direction of the arrow.

2. Push the ◄HOLD **switch** in the opposite direction of the arrow to release the hold function.

CHANGING THE SETTINGS AND PREFERENCES

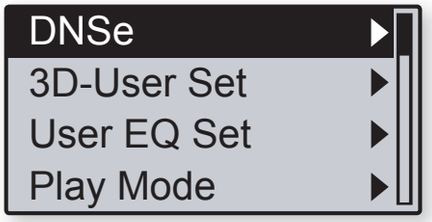
Your mp3 player comes with settings and preferences that were set up at the factory, but you can change these pre-set values to truly customize your player.

NOTE

- Press the **[⮌] button** to move to the previous screen.
  Press and briefly hold the **[⮌] button** to move to the main menu screen.

Music preferences

1. Press and briefly hold the **[⮌] button** to move to the main menu screen.
2. Press the **[+ , −] button** to select **<Settings>** ⚙ and then press the **[⏭] button**.
   - The <Settings> menu appears.
3. Press the **[+ , −] button** to select **<Music>** and then press the **[⏭] button**.
   - The <Music> menu appears.
4. Use the **[+ , − , ⏮ , ⏭]** and **• ▶II / ⏻ buttons** to choose the settings you prefer.
   - Press the **[⏮] button** to move to the previous item.
   - Press the **[⏭] button** to move to the next item/select the menu.
   - Press the **[+ , −] button** to move up or down through the current menu.



NOTE

- If the <Settings> screen is open and you don't push any buttons for about 40 seconds, the unsaved settings will be lost, and the player will return to the previous function.

Music setting options

DNSe : Select the right sound for each music genre. Choose either <3D-User>, <3D-Studio>, <3D-Stage>, <3D-Club>, <Concert Hall>, <Normal>, <Rock>, <House>, <Dance>, <Jazz>, <Ballad>, <Rhythm & Blues>, <Classical>, or <User EQ>.

3D-User Set : Sets 3D sound effect and bass enhancement for 3D-User. <3D> can be set between 0~5 levels, and <Bass Enhance> between 0~3 levels. If <3D-User Set> is selected, <DNSe> will be changed to <3D-User>.

User EQ Set : Select a sound effect (EQ). If <User EQ Set> is selected, <DNSe> will be changed to <User EQ>. In <User EQ Set> settings, use [+ , – , ⏮ , ⏭] button to select the desired User EQ Set and then press the [•►II/–⏻] button. Press the [⏮] or [⏭] button to select <YES> and then press the [•►II/–⏻] button to save.

Play Mode : Select playback mode such as repeat settings. Select from <Normal>, <Repeat Folder>, <Repeat All>, <Repeat One>, <Shuffle Folder>, and <Shuffle All>.

Play Speed : Adjust the playback speed of music/voice recording. Select <x0.7>, <x0.8>, <x0.9>, <x1.0>, <x1.1>, <x1.2>, or <x1.3>. (The higher the number is, the faster the playback speed is.)

Skip Interval : Set the length of the segment the file will skip when you press the [⏮] or [⏭] button during playback. Select either <1 Track>, <3 sec>, <5 sec>, <7 sec>, <10 sec>, <30 sec>, or <1 min>.

Tag : Allows you to select to display or not to display the file's music information, if any. Select either <Off> or <On>.

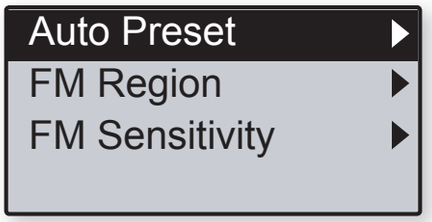
NOTE

- If the file was developed with a variable bit rate(VBR) or Ogg file, the actual length of the skip interval may not be exactly what you select.
- The play speed and skip interval will return to the default (play speed: x1.0, skip interval: 1 Track) each time you turn on the player.
- If the play speed is set to other than x1.0, <DNSe> will be switched to <Normal>.
- The adjusted play speed may differ from the actual speed, depending on the file.
- **What is DNSe?**
  Digital Natural Sound Engine (DNSe) is a sound effect function for MP3 players developed by Samsung. It supports the best stereophonic sound effect to the music.

FM Radio preferences

You can set FM radio frequencies automatically and also select the FM receiving area and sensitivity.

1. Press and briefly hold the **[⮌] button** to move to the main menu screen.
2. Press the **[+, −] button** to select **<Settings>** ⚙ and then press the **[⏭] button**.
   - The <Settings> menu appears.
3. Press the **[+, −] button** to select **<FM Radio>** and then press the **[⏭] button**.
   - The <FM Radio> menu appears.
4. Use the **[+, −, ⏮, ⏭]** and **[•►II/⏻] buttons** to set functions.



FM Radio setting options

Auto Preset : Automatically scans for available frequencies, which enables you to quickly find a desired frequency. ► page 21

FM Region : You can change an FM area setting in preparation for overseas travel. Select either <Korea/US>, <Japan>, or <Other Countries>.

FM Sensitivity : To receive more or fewer FM radio frequencies, adjust the <FM Sensitivity>. Select either <Low>, <Middle>, and <High>.
If you select <High>, the more frequencies can be received.

NOTE

- Frequency range by region
  - Korea/US: Search for FM frequencies in 100 kHz increments between 87.5 MHz~108.0 MHz.
  - Japan: Search for FM frequencies in 100 kHz increments between 76.0 MHz~108.0 MHz.
  - Other Countries: Search for FM frequencies in 50 kHz increments between 87.50 MHz~108.00 MHz.
- FM region can be deleted or changed according to the target region of the player.
- Your previously stored radio frequencies will be deleted when you change the <FM Region> on your player.

To set Auto Preset

You can preset up to 20 stations in your MP3 player's memory and return to them with the press of just one button. Have the MP3 player find and store stations automatically.

1. Press the **[+ , —] button** to select **<Auto Preset>** and then press the **[⏭] button**.
   - The Auto Preset confirmation window will appear.
2. Press the **[⏮ , ⏭] button** to select **<YES>** and then press the **[⏯ / ⏻] button**.
   - <Auto Preset....> will appear and up to 20 frequencies are automatically set. Press the **[⏮ , ⏭] button** to scan for a desired preset frequency.

To cancel Auto Preset

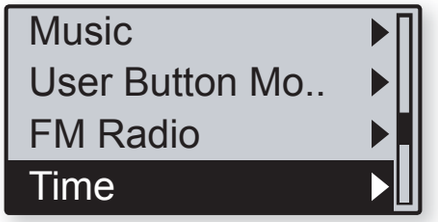
If you want to cancel the auto preset, press any button in the process. The auto preset setting is canceled, and only frequencies set up to that point are stored.

NOTE

- Always connect your earphones to the player when searching or setting frequencies. The earphones serve as antennas to receive FM Radio reception
- In poor reception areas, the player may not find an available FM frequency.
- If no frequencies were preset, <No Preset> will appear.
- You may want to re-set the stored stations if you're going to listen to your MP3 player in a different city. To delete the preset stations and store new ones, simply repeat the process.

Time preferences

Setting the time allows you to use the sleep timer, set automatic shut-off time limits, and even display off.



1. Press and briefly hold the **[⮌] button** to move to the main menu screen.
2. Press the **[+, −] button** to select **<Settings>** ⚙ and then press the **[⏭] button**.
   - The <Settings> menu appears.
3. Press the **[+, −] button** to select **<Time>** and then press the **[⏭] button**.
   - The <Time> menu appears.
4. Use the **[+, −, ⏮, ⏭]** and **[•►II/⏻] buttons** to set functions.

Time setting options

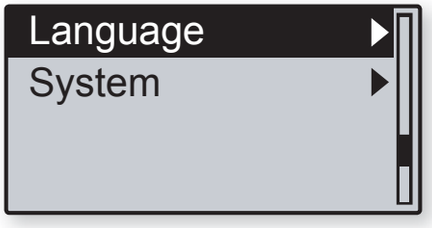
Sleep : Turns off power automatically after the preset time. Select either <Off>, <15 min >, <30 min>, <60 min>, <90 min>, or <120 min>.

Auto Power Off : Automatically turns power off when there is no button operation after the preset time in the pause mode. Select either <15 sec>, <30 sec>, <1 min>, <3 min>, or <5 min>.

Display Off : If no button is pressed within the time set shown below, the Screen Display will be automatically turned off. Select either <15 sec>, <30 sec>, <1 min>, <3 min>, <5 min>, or <Always On>. Press any button to turn it back on. However, pressing a touch button when the HOLD condition is on will not turn on the display.

Language preferences

The menus on your new mp3 player can appear in any one of multiple languages.



1. Press and briefly hold the **[⮌] button** to move to the main menu screen.
2. Press the **[+ , −] button** to select **<Settings>** ⚙ and then press the **[⏭] button**.
   - The <Settings> menu appears.
3. Press the **[+ , −] button** to select **<Language>** and then press the **[⏭] button**.
   - The <Language> menu appears.
4. Use the **[+ , − , ⏮ , ⏭]** and **[⏯ / ⏻] buttons** to set functions.

Language setting options

Menu : Set the menu language. Select <English>, <한국어>, <Français>, <Deutsch>, <Italiano>, <日本語>, <汉语（简体）>, <漢語（繁體）>, <Español>, <Русский>, <Magyar>, <Nederlands>, <Polski>, <Português> , <Svenska>, <ไทย>, <Bahasa inggris>, <Український>, <Tiếng Việt>, <Bulgarian>, <Čeština>, <Dansk>, <Soumi>, <Ελληνικά>, <Norsk>, <Português BR>, <Română>, <Slovensky>, <Slovenščina>, <Español(Castellano)> or <Türkçe>.

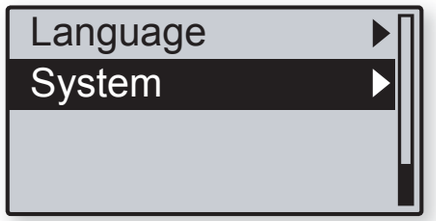
ID3 Tag : Set the language in which the track information will appear.
Select from <Afrikaans>, <Basque>, <Catalan>, <Chinese (S)>, <Chinese(T)>, <Czech>, <Danish>, <Dutch>, <English>, <Estonian>, <Finnish>, <French>, <German>, <Greek>, <Hrvatski>, <Hungarian>, <Icelandic>, <Italian>, <Japanese>, <Korean>, <Norwegian>, <Polish>, <Portuguese>, <Romany>, <Russian>, <Slovak>, <Slovene>, <Spanish>, <Swedish>, <Turkish> <Vietnamese>, <Thai>, <Indonesian>, <Ukrainian>, <Bulgarian> and <Romanian>.

NOTE

- The supported languages can be changed or added.
- **What is ID3 Tag?**
  This is what is attached to an MP3 to carry information relevant to the file, such as the title, artist, album, year, genre and a comment field.

System preferences

Choose the voice recording bit rate, delete a file, resume that's right for you.



1. Press and briefly hold the **[⮌] button** to move to the main menu screen.
2. Press the **[+, −] button** to select **<Settings>** ⚙ and then press the **[⏭] button**.
   - The <Settings> menu appears.
3. Press the **[+, −] button** to select **<System>** and then press the **[⏭] button**.
   - The <System> menu appears.
4. Use the **[+, −, ⏮, ⏭]** and **[●►II/⏻] buttons** to set functions.

System setting options

Voice Recording Bit Rate : You can select the voice recording quality.
Select either <32kbps> <64kbps> or <128kbps>. (The higher the number is, the better the audio quality and the larger the file size becomes.)

Delete File : You can delete a file. ► page 27

Resume : Specifies the starting point to restart playback after playback is stopped. If set to <Off>, the last file will play from the beginning. If set to <On>, the last file will play from the point it was previously stopped.

Beep : Sets the beep sound for button operations to on or off.
Select either <Off> or <On>.

Volume Limit : You can avoid hearing damage by setting the limit of the volume when using the earphone. <On> will limit the maximum volume level up to 20. The maximum volume level when Volume Limit is set to <Off> is 40.
Even if you select <Off>, the volume will be set back to 20 to avoid hearing damage when you turn the player back on.

LED Effect : Select LED backlight effect. Select either <Off> <Button> (turns on when a button is pressed) <Random> or <Always on>.

Default Set : Returns all settings to the default value. Select either <YES> or <NO>. <YES> initializes all settings to default. <NO> cancels default settings.

Format : Formats the internal memory. Select either <YES> or <NO>.
Selecting <YES> will format the internal memory and delete all files on the player.
Selecting <NO> does not format the internal memory.

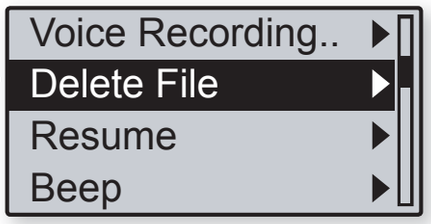
About : Checks the firmware version, number of tracks, remaining memory.

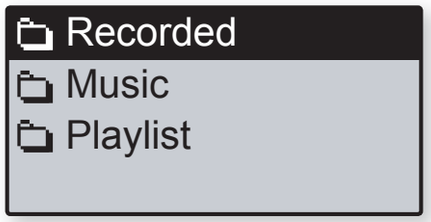
NOTE

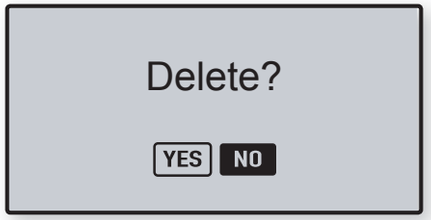
- **Regarding the Built-In Memory**
  1GB=1,000,000,000 bytes : actual formatted capacity may be less as the internal firmware uses a portion of the memory.

To Delete a File

1. Press the **[+ , —] button** to select **<Delete File>** and then press the **[⏭] button**.
2. Press the **[+ , —] button** to select a folder of your choice.
3. Use the **[⏭] button** to move to the file list of selected folder.
4. Press the **[+ , —] button** to select a file to delete and then press the **[⏭] button**.
   - <Delete?> will appear.
5. Press the **[⏮ , ⏭] button** to select **<YES>** and then press the **[• ►II / ⏻] button**.
   - The selected file will be deleted.





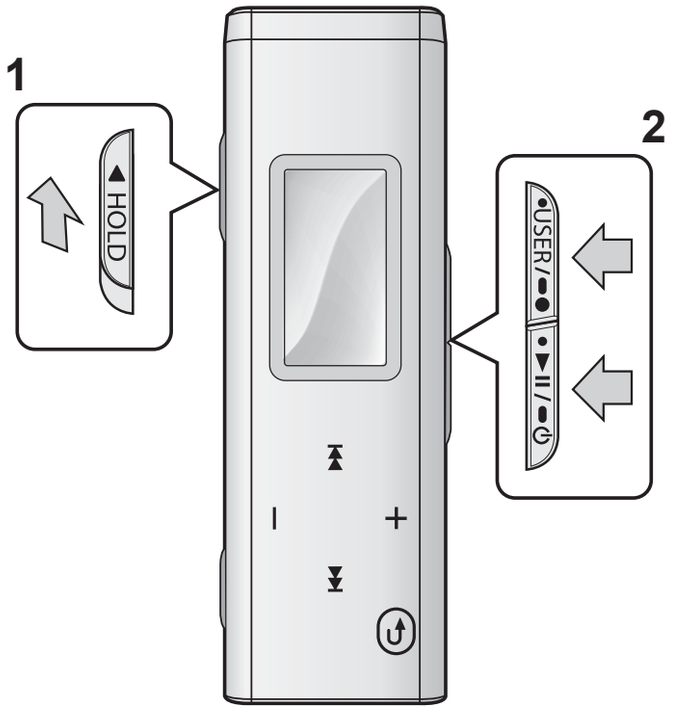


CAUTION
- Files cannot be restored after they are deleted. Please check before deleting files.

NOTE
- Deleting a file will stop playing the current music.

RESETTING THE SYSTEM

If your mp3 player won't turn on, won't play music, or isn't recognized by your computer when you connect it, you may have to reset the system.



Push the HOLD **switch** in the direction of the arrow.
Press and briefly hold the USER and ▶II **buttons** at the same time to reset the system.

- The system will be initialized.
- Your settings and files will not be affected.

Samsung Media Studio

Samsung Media Studio is the easy-to-use software application that helps you organize your files on your PC. With your files already sorted and organized in Media Studio, you can quickly transfer them to your mp3 without searching your entire hard drive for the right file.

PC REQUIREMENTS

Your PC system must meet the following minimum specifications in order to install and run Media Studio:

- Pentium 300MHz or higher
- USB Port 2.0
- Windows 2000/XP/Vista
- DirectX 9.0 or higher
- 100MB of free hard disc space
- CD Rom Drive (2X or higher)
- Windows Media Player 9.0 or higher
- Resolution 1024 X 768 or higher
- Internet Explorer 6.0 or higher

INSTALLING SAMSUNG MEDIA STUDIO

CAUTION

- Ensure that you run the <Media Studio> installer in your PC's administrator account. Otherwise, <Media Studio> will not be installed. To find the administrator account, please refer to your PC's user manual.

1. Insert the Installation CD provided with the player into the CD-ROM drive.

2. Click **<Install Now>**.

3. Click **<Next>**.

- <Media Studio> installation starts and then creates an icon on your desktop when installation is complete.

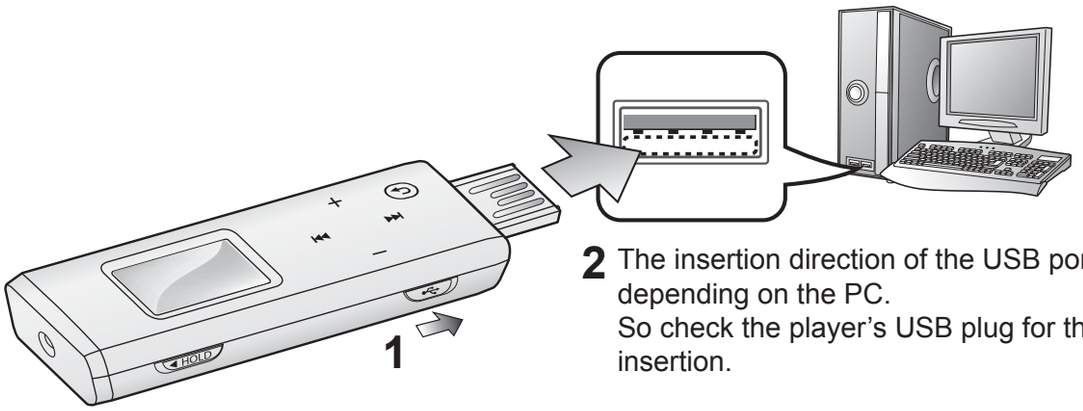
Samsung Media Studio 5
Install Samsung Media Studio 5
The InstallShield Wizard will install Samsung Media Studio on your computer. To continue, click Next.
Next >
< Back
Next >
Cancel

CAUTION

- Handle with care when you use a vertically installed CD-ROM to load / remove the installation CD.

ORGANIZING FOLDERS AND FILES USING SAMSUNG MEDIA STUDIO

Media Studio enables you to select and organize files and folders before transferring them to your player. This will make scanning files on your mp3 player easier and faster.



2 The insertion direction of the USB port may differ, depending on the PC.
So check the player's USB plug for the direction before insertion.

1. Slide the **switch**.

- The USB plug is revealed.

2. Connect the USB plug to the USB port ( ) on your PC as in the figure.

- <USB Connected> appears on the screen display of the player.
- <Media Studio> will automatically start when the player is connected to your PC.
- If the program does not start automatically, double click the <Media Studio> icon on the desktop.

Ejecting the USB Plug

- Slide the **switch** to eject the USB plug from the player.

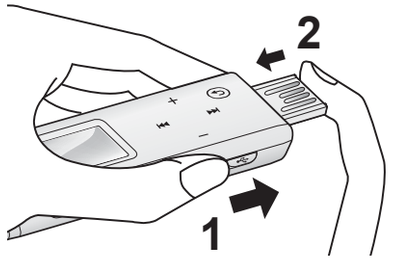
Inserting the USB Plug

- Push the USB plug back into the player while sliding the **switch**.

CAUTION

- Be sure to slide and hold the switch when you push the USB plug into the player. Otherwise, the player may be damaged.

Inserting the USB Plug



NOTE

- You are recommended to format the player on the PC by the FAT32 file system.

ORGANIZING FOLDERS AND FILES USING SAMSUNG MEDIA STUDIO (Continued)

3. Click the icon.

- Click to display music list.

NOTE

- All functions are disabled during connection.
- If you connect the USB plug to the PC in the Low Battery condition, the player will be charged for several minutes before connecting to the PC.

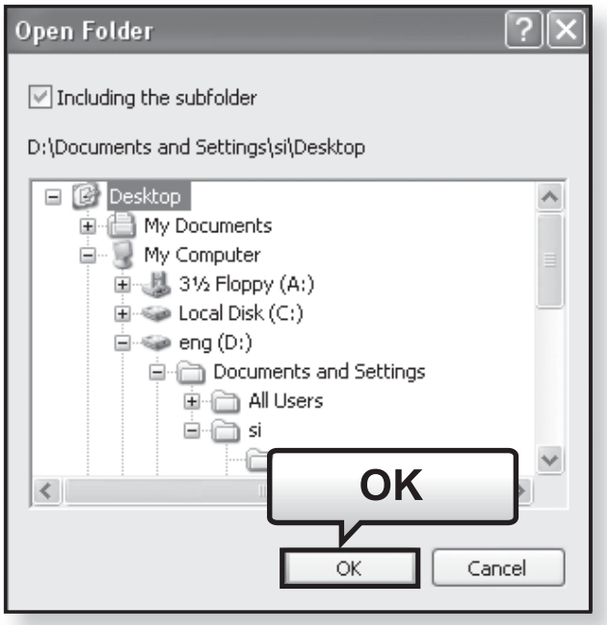
CAUTION

- Connect the player to the computer directly rather than through a USB hub to avoid an unstable connection.

ORGANIZING FOLDERS AND FILES USING SAMSUNG MEDIA STUDIO (Continued)

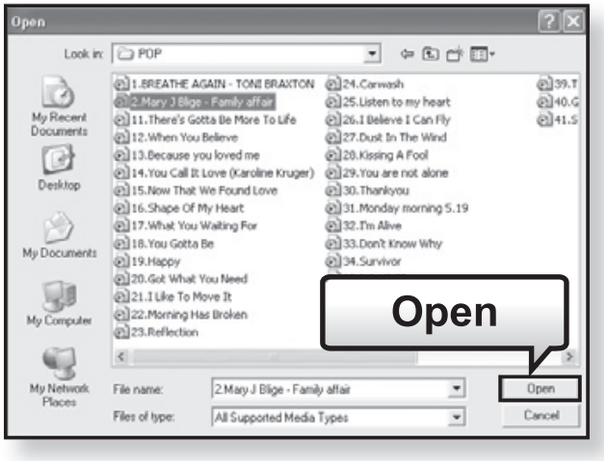
To add folders

4. Click **<Add Folder>** on the bottom of <Media Studio>.
   - The <Open Folder> window will appear.
5. Select the folder to add and click **<OK>**.
   - The files of the selected folder are added to the list on the left side the <Media Studio> Screen.



To add files

4. Click **<Add File>** on the bottom of <Media Studio>.
   - The <Open> window will appear.
5. Select the files to add and click **<Open>**.
   - The files are added to the list on the left side the <Media Studio> Screen.



NOTE

- Samsung Media Studio has a thorough Help function. If you can't find the answer to your question about Media Studio, click **<MENU>** → **<Help>** → **<Help>** on the top of the <Media Studio> program.

TRANSFERRING FILES TO THE PLAYER WITH SAMSUNG MEDIA STUDIO

<Media Studio> file transfer is the easiest way to get files from your PC to your mp3 player.

1. Slide the **switch**.

- The USB plug is revealed.

2. Connect the USB plug to the USB port ( ) on your PC.

- <USB Connected> appears on the screen display of the player.
- Media Studio will automatically start when the player is connected to your PC.
- If the program does not start automatically, double click the <Media Studio> icon on the desktop.

CAUTION

- Connect the player to your computer directly rather than through a USB hub to avoid an unstable connection.

TRANSFERRING FILES TO THE PLAYER WITH SAMSUNG MEDIA STUDIO (Continued)

3. Click the icon.

- Click to display music list.

4. Select the file to transfer from the list on the left side.

5. Click the icon.

- The file you selected is transferred to the player.

CAUTION

- Do not disconnect the USB plug during file transfer. Disconnecting during transfer may damage the player or your PC.

NOTE

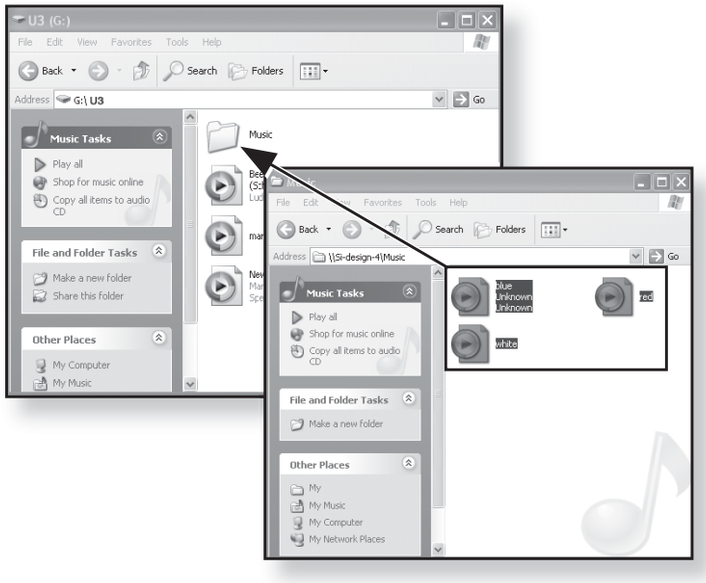
- Music recognition technology and related data are provided by Gracenote and Gracenote CDDB® Music Recognition Service℠.
- CDDB is a registered trademark of Gracenote. The Gracenote logo and logotype, the Gracenote CDDB logo and logotype, and the “Powered by Gracenote CDDB” logo are trademarks of Gracenote. Music Recognition Service and MRS are service marks of Gracenote.

USING AS A REMOVABLE DISK

You can use the player as a removable storage device.

- **Before you start -** Connect the player to your PC.

1. Open files/folders to transfer from your PC.
2. Open <My Computer> → <U3> from the desktop.
3. Select the files/folders to transfer from your PC and drag and drop them to a folder of your choice in the <U3>.
   - The selected folders or files are transferred to the player.



CAUTION

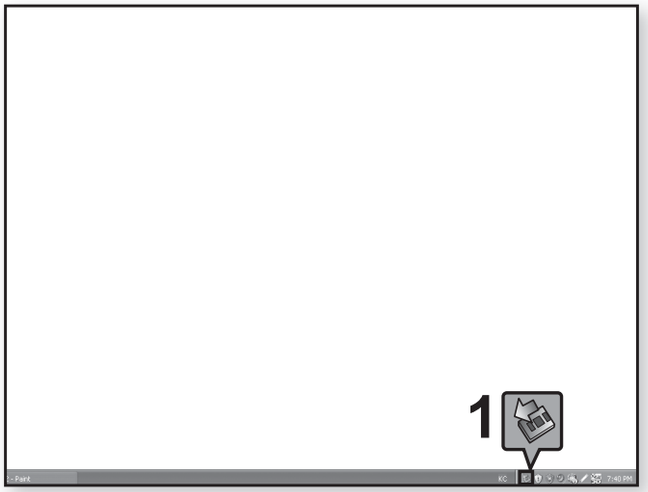
- The file transfer message will appear during file download or upload. Disconnecting the USB plug while the message is displayed may cause malfunction of the player.
- The order of music files displayed in Windows Explorer may differ from the play order on your device.
- If you transfer a DRM file(charged file) to the removable disk, the file will not be played.

- **What is DRM?**
  Digital Rights Management (DRM) is a technology and service to prevent the illegal use of digital contents and protect the profit and rights of copyright holders. DRM files are charged music files applied with the illegal copy protection technology of legally purchased MP3 music.

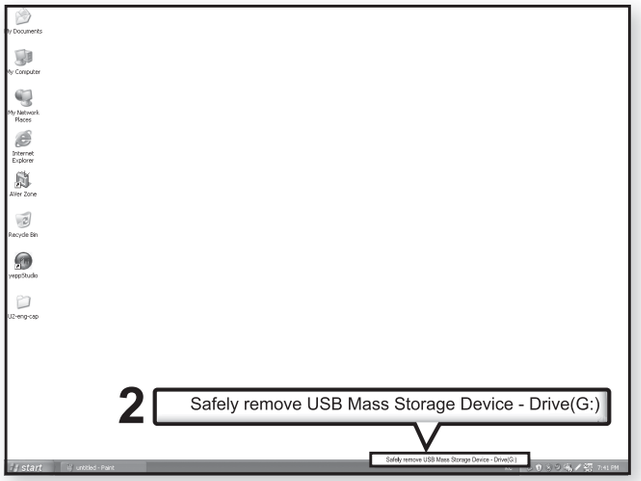
DISCONNECTING FROM YOUR PC

Follow the steps below to prevent damage to the player and data when disconnecting from your PC.

1. Place the mouse cursor on top of the icon on the taskbar at the bottom right corner of the desktop and click the left mouse button.



2. Click the <Safely Remove USB Mass Storage Device Drive> message.



3. Disconnect the player from your PC.

CAUTION

- Do not disconnect the player from the PC during file transfer. This may cause damage to data and the player.
- You cannot remove the player while files within the player are being played on your PC. Please retry after file playback is finished.

listening to music

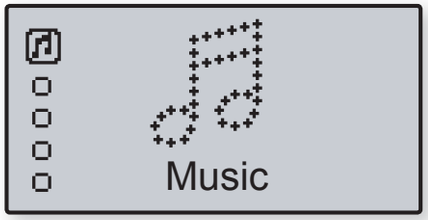
- **Before you start -** Connect the earphones, then turn on the player, and check the battery.

NOTE

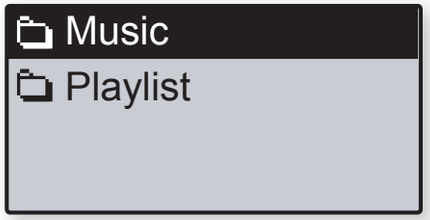
- Press the **[⮌] button** to move to the previous screen.
  Press and briefly hold the **[⮌] button** to move to the main menu screen.

LISTENING BY CATEGORY

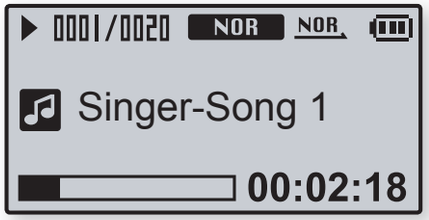
2



3



4



1. Press and briefly hold the **[⮌] button** to move to the main menu screen.

2. Press the **[+ , −] button** to select **<Music>** and then press the **[⏭] button**.

- The <Music> list will appear.

3. Press the **[+ , −] button** to select the desired list and then press the **[⏭] button**.

4. Press the **[+ , − , ⏮ , ⏭] button** to select the file to play and then press the **[►II / ⏻] button**.

- The music will start playing.

Music List

Music : You can search for a music file.

Playlists : You can search for a music file or album in the playlist.

NOTE

- MP3, WMA and Ogg music files are compatible with the player.
- MP1 or MP2 files which only have a changed extension to MP3, may not play on the player.
- A file without an ID3 Tag (music information) is displayed as [Unknown].

PAUSING

1. Press the **button** while the music is playing.
   - The music playback will be paused.
2. Press the **button** again.
   - The music will play from the point where it stopped.

SEARCHING WITHIN A TRACK

1. Press and briefly hold the **[⏮]** or **[⏭] button** while the selected track is playing.
   - It searches to the beginning or the end of the track.
2. Release the button at the point you wish to start.
   - It starts playing from the point you release the button.

PLAYING FROM THE BEGINNING OF THE CURRENT TRACK

1. Press the **[⏮] button** after 3 seconds of play.
   - The current track starts playing from the beginning.

PLAYING THE PREVIOUS OR NEXT TRACK

1. Press the **[⏮] button** within 3 seconds of play.
   - The previous track will start playing.
2. Press the **[⏭] button**.
   - The next track will start playing.

CAUTION

- When playing VBR files, the previous track may not play even if you press the [⏮] **button** within 3 seconds of the play.

TO SEARCH A MUSIC FILE

1. Press the **[⮌] button** while the selected music file is playing.
   - The file list of the folder will appear.
2. Press the **[⏮] button** to move to the upper folder.
3. Press the **[+ , —] button** to select a folder of your choice.
4. Use the **[⏭] button** to move to the file list of the selected folder.
5. Press the **[+ , —] button** to select a file of your choice.
6. Press the **[•►II / ▬⏻] button**.
   - The music file will start playing.

TO SWITCH BACK TO THE CURRENT PLAY SCREEN

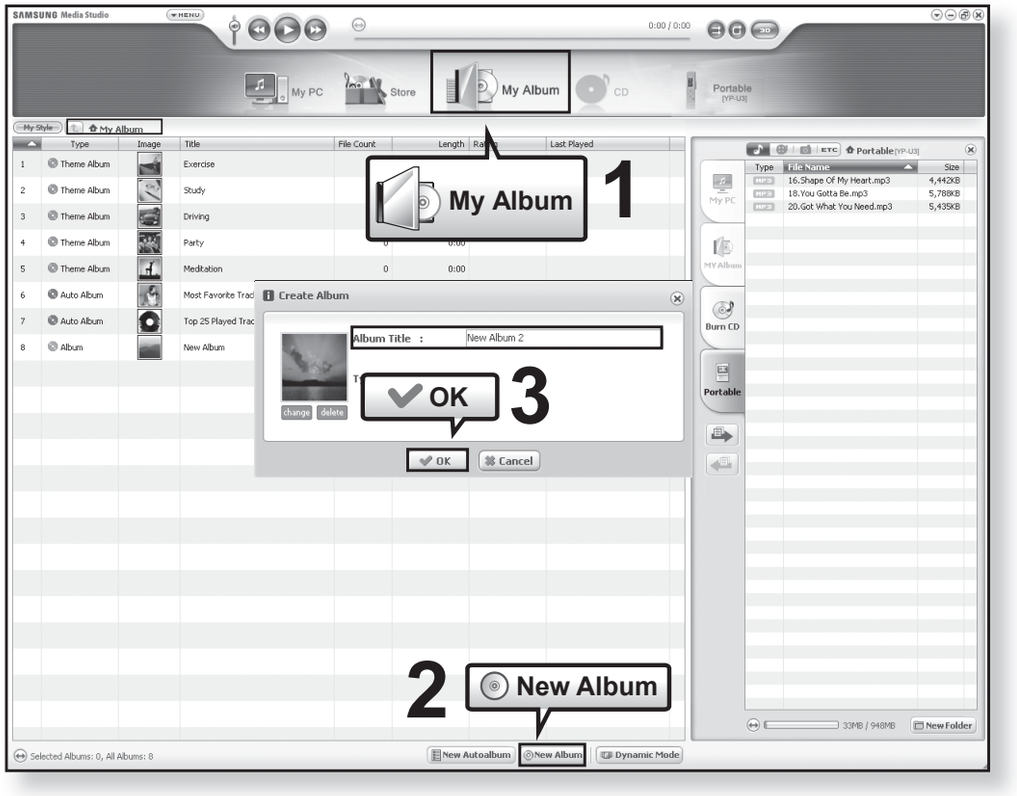
You can return to the current play screen at any time while using other functions.

1. Press and briefly hold the **[⮌] button** to move to the main menu screen.
2. Press the **[+ , —] button** to select <**Now Playing**> and then press the **[⏭] button**.
   - The player switches back to the current play screen.

CREATING A PLAYLIST USING SAMSUNG MEDIA STUDIO

With Samsung <Media Studio>, you can create your own collection, or album, of audio files.

- **Before you start -** Connect the player to your PC.
  Media Studio must be installed on your PC.



1. Click **<My Album>** on the top of **<Media Studio>**.

- The <My Album> window appears.

2. Click **<New Album>** on the bottom.

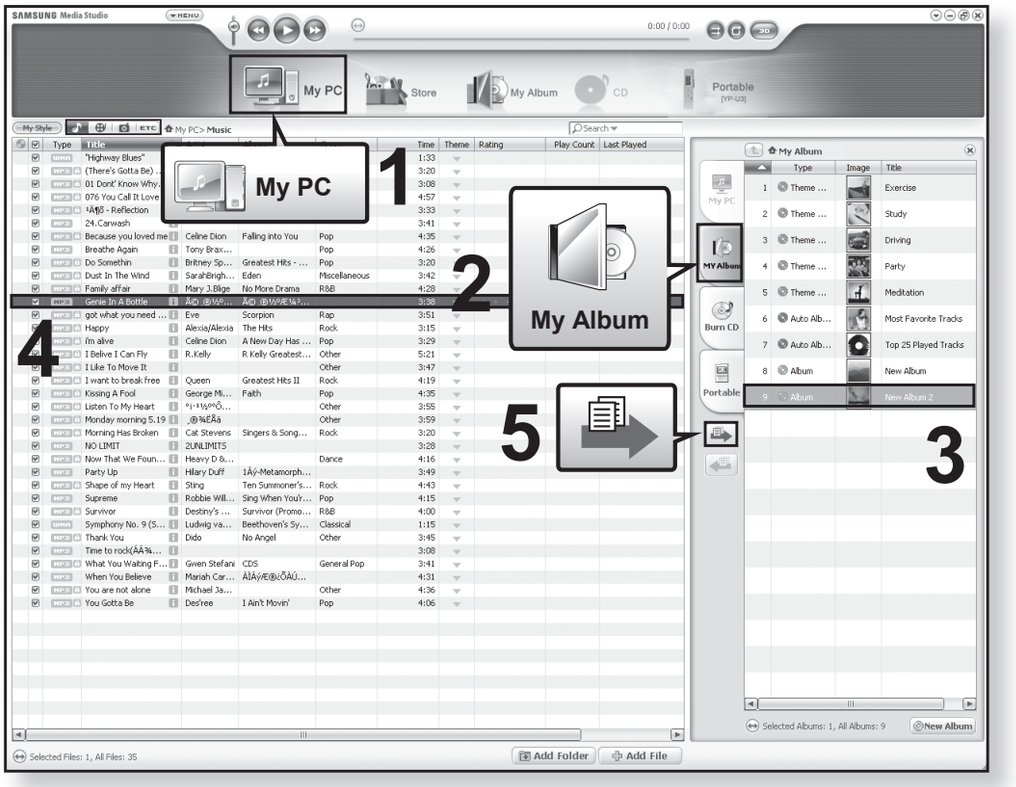
- The <Creation> window appears.

3. Type in the album title and click **[OK]**.

- A new album (playlist) will be named and stored in the <My Album> section of <Media Studio>.

CREATING A PLAYLIST USING SAMSUNG MEDIA STUDIO (Continued)

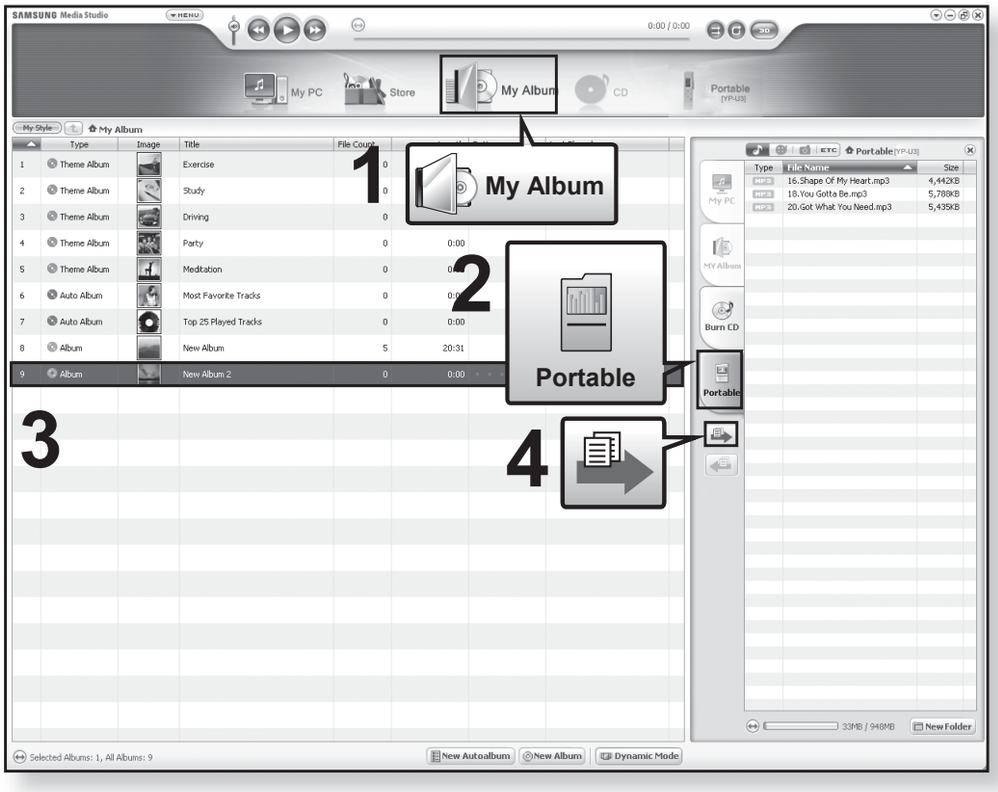
Adding music files to an existing playlist



1. Click **<My PC>** on the top of <Media Studio>.
   - The <My PC> window appears.
2. Click **<My Album>** in the right corner of the window.
   - The <My Album> window appears.
3. Double click on an album in the right window.
4. Select files that you want to transfer in the **<My PC>** window.
5. Click .
   - The selected files will be added to the album (playlist).

CREATING A PLAYLIST USING SAMSUNG MEDIA STUDIO (Continued)

Transferring a Playlist to your player using Media Studio

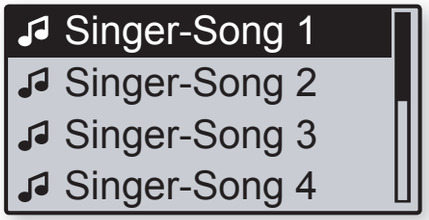


1. Click **<My Album>** on the top of <Media Studio>.
   - The <My Album> window appears.
2. Click **<Portable>** in the right corner of the window.
   - The <Portable> window appears.
3. Select an album in the **<My Album>** list.
4. Click .
   - The selected album will be transferred to the player folder by folder in <Music> of the main menu → <Playlist>.

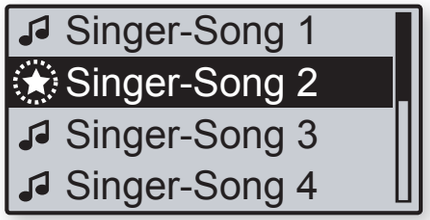
CREATING A PLAYLIST ON YOUR MP3 PLAYER

If you've already downloaded files to your mp3 player, you can create a <Favorite> Playlist without Media Studio or your PC.
Choose the method below that best suits you.

3



4



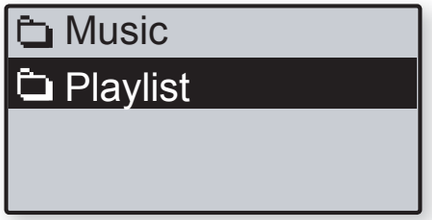
1. Press and briefly hold the **[⮌] button** to move to the main menu screen.
2. Press the **[+ , —] button** to select **<Music>** and then press the **[⏭] button**.
   - The <Music> list will appear.
3. Press the **[+ , —] button** to select **<Music>** and then press the **[⏭] button**.
   - The file list of the Music folder will appear.
4. Press the **[+ , —] buttons** to add files to the playlist and then press the **USER/⏺ button**.
   - The selected file will be marked with ★ and is added to the playlist. You can check the playlist in <Music> of the main menu → <Playlist> → <Favorite.spl>.

NOTE

- If you want to delete a file in <Favorite.spl>, select a ★ marked file to delete and then press the **USER/⏺ button** again.

PLAYING A PLAYLIST

▪ **Before you start -** See pages 41~43 to see how to create and transfer playlists to your player. To create a playlist on the player, refer to page 44.



1. Press and briefly hold the **[ ] button** to move to the main menu screen.

2. Press the **[+ , —] button** to select **<Music>** and then press the **[⏭] button**.

- The <Music> list will appear.

3. Press the **[+ , —] button** to select **<Playlist>** and then press the **[⏭] button**.

- The <Playlist> will appear.
- If there is no playlist found, you will see a <No file.> message on the screen.

4. Press the **[+ , —] button** to select the playlist of your choice, and then press the **[⏭] button**.

- The music files saved in the selected playlist will appear.
- If you want to play a playlist created on the player, select the <Favorite.spl> folder.

5. Press the **[+ , —] button** to select the file to play and then press the **button**.

- The music will start playing.

USER BUTTON CUSTOM FUNCTION

You can set the USER button to control one of four modes listed below. After setting, you can access the mode directly with the USER button.

To set User Button Mode

Use the USER **button** during playback for simple mode change.

1. Press and briefly hold the **[ ] button** to move to the main menu screen.
2. Press the **[+ , −] button** to select **<Settings>** and then press the **[⏭] button**.
   - The <Settings> menu will appear.

3. Press the **[+ , −] button** to select **<User Button Mode>** and then press the **[⏭] button**.
   - The <User Button Mode> menu will appear.
4. Press the **[+ , −] button** to select the user button mode and then press the **button**.

User Button Mode List

Repeat A-B : Sets section repeat.

DNSe : Allows you to select an appropriate sound effect for music.

Play Speed : Adjusts the playback speed between fast and slow.

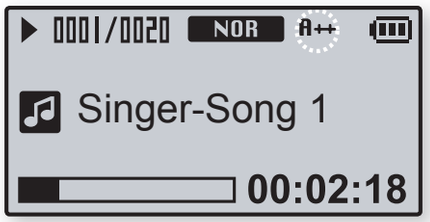
Play Mode : Selects the repeat playback mode.

USER BUTTON CUSTOM FUNCTION (Continued)

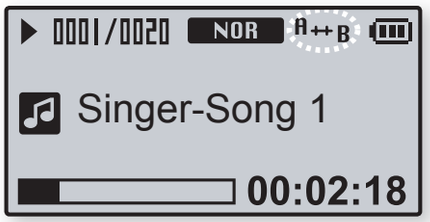
To set Section Repeat

This function enables you to listen to specific parts of a track repeatedly. Recommended for language learning.

2



3



1. Set the User Button Mode to **<Repeat A-B>** and play a file of your choice.
2. Press the USER/ **button** at the beginning of the section you want to repeat.
   - The starting point is set and <A→> will appear in the screen display window.
3. Press the USER/ **button** again to set the ending of the section you want to repeat.
   - <A↔B> will appear on the screen and the specified section starts to play repeatedly.

To cancel Section Repeat

Press the USER/ **button** again during Section Repeat.
Section Repeat will be canceled.

NOTE

- Section Repeat will be automatically canceled in the following case.
  The starting point of the section repeat is set but the ending point is not set until after the current track ends.

USER BUTTON CUSTOM FUNCTION (Continued)

To use the DNSe button

Set the User Button Mode to **<DNSe>** and press the

button.

DNSe mode changes in the following order each time the button is pressed NOR (Normal)→ ROCK (Rock)→ HOUSE (House)→ DANCE (Dance) → JAZZ (Jazz)→ BALLAD (Ballad)→ R&B (Rhythm & Blues)→ CLASS (Classical)→ USER EQ (User EQ)→ 3D USE (3D-User)→ 3D STU (3D-Studio)→ 3D STA (3D-Stage)→ 3D CLU (3D-Club) →CONCERT (Concert Hall).

To use the Play Speed button

Set the User Button Mode to **<Play Speed>** and press the

button.

Playback speed changes in the following order each time the button is pressed <NOR>, <x1.1>, <x1.2>, <x1.3>, <x0.7>, <x0.8>, <x0.9>.

To use the Play Mode button

Set the User Button Mode to **<Play Mode>** and press the

button.

Playback mode changes in the following order each time the button is pressed NOR (Normal)→ F (Repeat Folder)→ A (Repeat All)→ 1 (Repeat One)→ F (Shuffle Folder)→A (Shuffle All).

NOTE

▪ **What is DNSe?**
Digital Natural Sound Engine (DNSe) is a sound effect function for MP3 players developed by Samsung. It supports the best stereophonic sound effect to the music.

more than music

You'll enjoy much more than music with your new mp3 player. Listen to FM Radio, Voice recording. Your mp3 player brings this and more right to the palm of your hand.

LISTENING TO FM RADIO

- **Before you start -** Connect the earphones, then turn on the player, and check the battery.

NOTE

- Press the **[⮌] button** to move to the previous screen.
  Press and briefly hold the **[⮌] button** to move to the main menu screen.

1. Press and briefly hold the **[⮌] button** to move to the main menu screen.
2. Press the **[+, −] button** to select **<FM Radio>** and then press the **[•►II/■⏻] button**.
   - FM radio reception will start.

NOTE

- Always connect your earphones to the player when searching or setting frequencies. The earphones serve as antennas to receive FM Radio reception.
- In poor reception areas, the player may not find an available FM frequency.

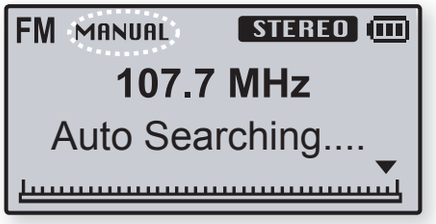
LISTENING TO FM RADIO (Continued)

NOTE

- Press the **[⮌] button** to move to the previous screen.
  Press and briefly hold the **[⮌] button** to move to the main menu screen.

To search for FM stations

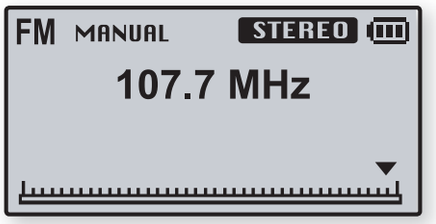
1. Press the **[•►II/▬⏻] button** and select **<MANUAL>**.
   - <MANUAL> will appear.



2. Press and briefly hold the **[⏮] or [⏭] button** and then release.
   - <Auto Searching....> appears on the display.
     The search will stop at the frequency nearest from the point the button is released.

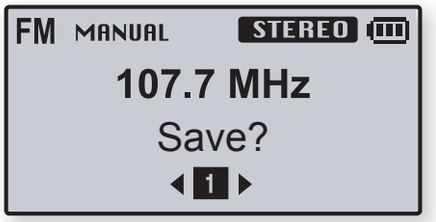
OR,

2. Press the **[⏮] or [⏭] button** to progress through the frequencies one by one.



LISTENING TO FM RADIO (Continued)

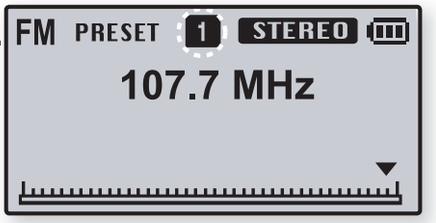
To store stations in the Preset memory



1. Press the [•►II/−⏻] **button** to select **<MANUAL>**.
   - <MANUAL> will appear.
2. Press the **[⏮]** or **[⏭] button** to search for station frequencies to preset.
3. Press the [•USER/−●] **button**.
   - <Save?> will appear.
4. Press the **[⏮]** or **[⏭] button** to select a preset number and then press the [•►II/−⏻] **button**.
   - The selected station is set as a preset number.

NOTE
- To scan for a preset frequency automatically, refer to page 21.

To listen to preset stations



1. Press the [•►II/−⏻] **button** and select **<PRESET>**.
   - <PRESET> will appear.
2. Press the **[⏮]** or **[⏭] button** to scroll through preset stations.

NOTE
- If no frequencies were preset, <No Preset> will appear.

To delete a preset

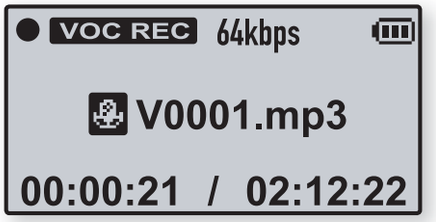
Follows the step below to delete frequencies while listening to FM Radio.

1. Press the **button** and select **<PRESET>**.
   - <PRESET> wıll appear.
2. Press the **[⏮]** or **[⏭] button** to search for preset frequencies to delete.
3. Press the button.
   - <Delete?> will appear.
4. Press the **[⏮]** or **[⏭] button** to select **<YES>** and then press the **button**.
   - The selected preset number is deleted.
   - If you don’t want to delete the preset number, select <NO>.

VOICE RECORDING

You can record your own voice, speeches, lectures, and other outside sounds with your mp3 player. You can also adjust the quality of the recording by selecting a different bit rate. For more information on setting the voice recording bit rate, see page 26.

Method 1



You can record a voice recording at any time while using other functions.

Press and briefly hold the USER/ **button**.

- Voice recording will start as soon as the file name is displayed.

Method 2

1. Press and briefly hold the **[ ] button** to move to the main menu screen.
2. Press the **[+ , −] button** to select **<Voice Record>** and then press the **[⏭] button**.
   - The <Voice Record> list appears.
3. Press the **[+ , −] button** to select **<Record>** and then press the **[⏭] button**.
   - The confirmation window will appear.
4. Press the **[⏮ , ⏭] button** to select **<YES>** and then press the ►II/ **button**.
   - Voice recording will start as soon as the file name is displayed

Voice Record List

Record : You can make a voice-recording.

Recorded Files : You can play and listen to recorded files.

VOICE RECORDING (Continued)

To stop recording

1. Press the **button** when you want recording to stop.
   - The confirmation window will appear.

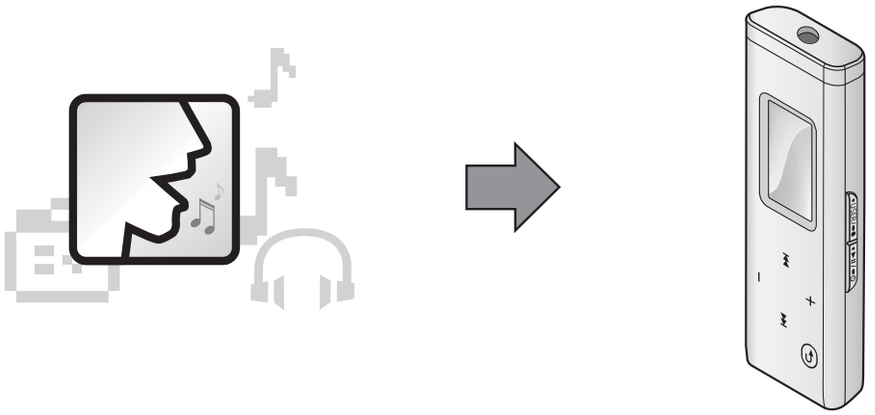
2. Press the **[⏮, ⏭] button** to select **<YES>** or **<NO>** and then press the **button**.
   - <YES> the just recorded file will play.
   - <NO> the just recorded file will not play.
   - The recorded file is stored in the <Voice Record> of the main menu → <Recorded Files>.

CAUTION
- Do not place the microphone too close or too far away during recording, as this can affect the recording quality.
- Voice recording is not enabled if the memory is full or the battery capacity is low.

NOTE
- You can make a voice recording for about 66 hours (based on 32Kbps, 1GB)
- Press the **button** if you want to pause recording.
- FM radio stations cannot be recorded.

VOICE RECORDING (Continued)

Recorded file names



While recording, the MP3 player generates a file name automatically.
The filename follows the format <VNNNN.mp3>, where V indicates the voice recording file and NNNN defines the recording number.
For example, file name V0003.mp3 is the third voice-recording file to be saved.

To listen to a previously recorded file

1. Press and briefly hold the **[⮌] button** to move to the main menu screen.
2. Press the **[+, −] button** to select **<Voice Record>** and then press the **[⏭] button**.
   - The <Voice Record> list will appears.
3. Press the **[+, −] button** to select **<Recorded Files>** and then press the **[⏭] button**.
   - The <Recorded files> list will appear.
4. Use **[+, −] button** to select a recorded file of your choice.
5. Press the **[•►II/⏻] button**.
   - The recorded file will start playing.

troubleshooting

If you have a problem with your new mp3 player, check for a solution in this list. If the problem persists, contact Samsung Customer Service Center near you.

PROBLEM	SOLUTION
Power will not turn on.	• Power will not turn on if the battery is completely drained. Recharge the battery and turn the power on again. • In Hold state, press and briefly hold the and **buttons** at the same time to reset the system.
Buttons do not work.	• Check if the **switch** is in the direction of the arrow position. • Check if you pressed the right button, then press again. • In Hold state, press and briefly hold the and **buttons** at the same time to reset the system.
The screen will not turn on.	• If <Display Off> is selected from <Settings> → <Time>, the screen display will be turned off. Press any button and see if it turns on. However, pressing a touch button when the HOLD condition is on will not turn on the display. • The screen may not be visible under direct sunlight.

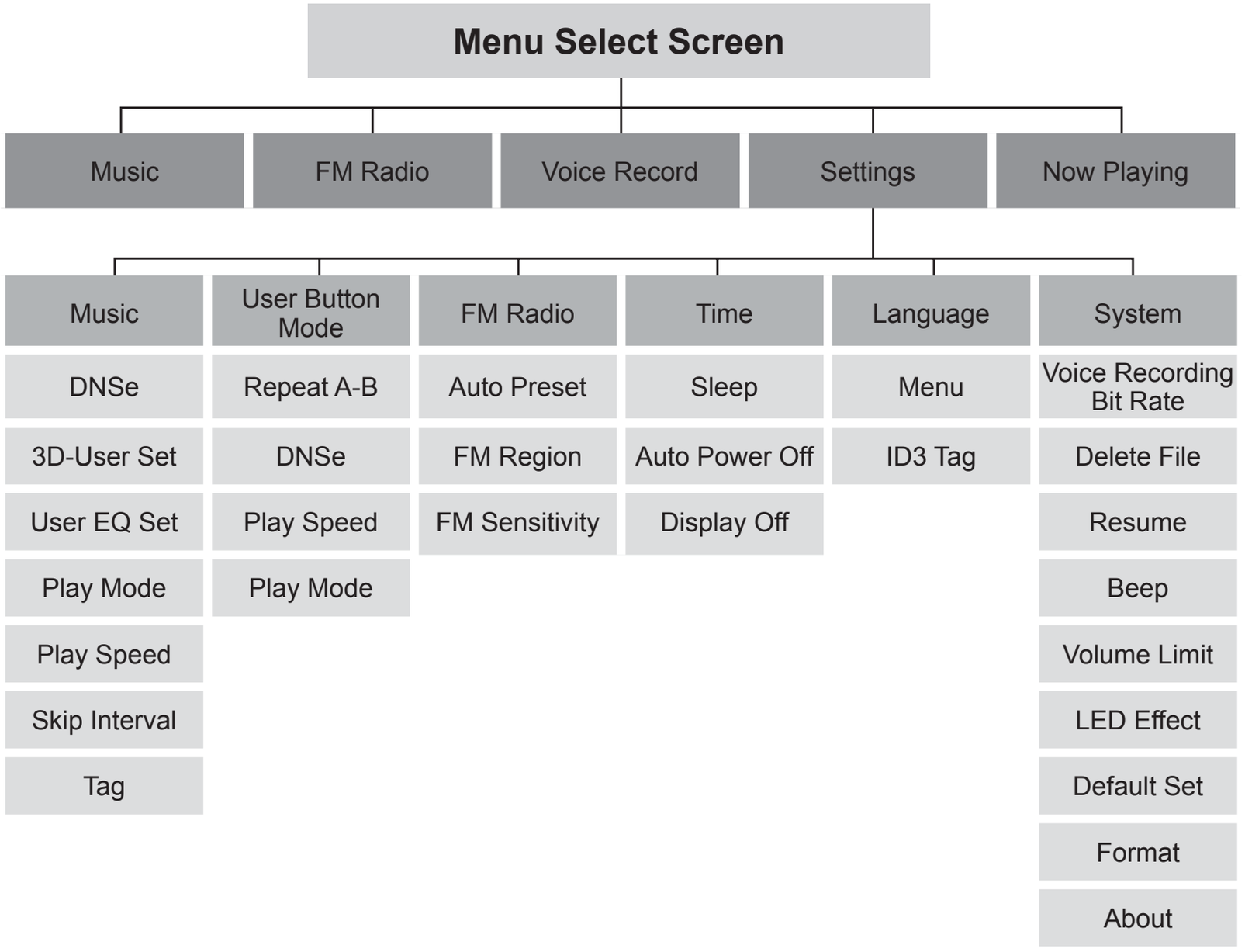
PROBLEM	SOLUTION
Power is turning off.	• Check the battery status. • The power is automatically turned off when the battery is completely drained. Recharge the battery. • If <Auto Power Off> is selected from <Settings> → <Time>, the Power in the pause mode will be turned off. Turn on the Player.
Battery life differs from the manual.	• The battery life can vary depending on the sound mode and display setting. • Battery life may be shortened when the player is left for extended periods in low or high temperatures.
Media Studio Program Malfunction	• Check if your PC meets the basic system requirements.
Connection to your PC is disabled.	• Check the USB plug if it's correctly connected and try again. • Press **<Start>** on the toolbar of your PC to run Windows Update. Select Key Updates and Service Packs, then update all. Reboot your PC and reconnect.
The file transfer rate is too slow.	• If you are running multiple programs including <Media Studio> on your PC, the file transfer rate will be slow. Exit unnecessary programs and try transferring again.

PROBLEM	SOLUTION
Player isn't playing.	• Check if the available file has been saved in the memory. • Check if the music file is damaged. • Check if there is enough battery power.
File upload doesn't work.	• Check if the USB plug is securely connected. Reconnect if necessary. • Check if the memory is full. • In Hold state, press and briefly hold the and **buttons** at the same time to reset the system.
Files or data are missing.	• Check if the USB plug has been disconnected during file or data transmission. If this is the case, it may cause serious damage not only to files/data but also to the product. You have to be extra cautious as Samsung is not responsible for data loss.
Abnormal play time display during play.	• Check if the file is in Variable Bit Rate (VBR) format.
Abnormal display of file name.	• Go to <Settings> → <Language> → <ID3 Tag> in the main menu screen and set an appropriate language.
The product is hot.	• Heat may be generated during recharging. This has no effect on the product life or functions.

appendix

MENU TREE

Here's a quick look at how the menus and functions are organized on your new mp3 player.



PRODUCT SPECIFICATIONS

Model Name	YP-U3
Power	3.7V (Li-Polymer Rechargeable)
Built-in Battery Power	250 mAh
File Compatibility	MPEG1/2/2.5 Layer3(8kbps~320kbps, 8kHz~48kHz) WMA(48kbps~192kbps,8kHz~48kHz) , Ogg(Q0~Q10)
Supported Number of Folders and Files	Folder: Max. 2000, File: Max. 2000 (excluding folder)
Earphone Output	20mW (16Ω)
Output Frequency Range	20Hz~20KHz
Signal to Noise Ratio	90dB with A filter (Based on 1KHz 0dB)
Play Time	15 hours of music play (MP3 128kbps, Volume 15, Normal sound mode)
Temperature Range for Operation	-5~35°C (23~95°F)
Case	Plastics
Weight	22.8g
Dimension (WxHxD)	80 X 25.4 X 11 mm

FM Frequency	87.5~108.0 MHz
FM Signal to Noise Ratio	55 dB
FM T.H.D	1%
FM Useable Sensitiivity	10dBμ

The contents of this Manual are subject to change without prior notice for further improvement.

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CONTACT SAMSUNG WORLD WIDE

If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care center.

Country	Customer Care Center	Web Site
CANADA	1-800-SAMSUNG (7267864)	www.samsung.com/ca
MEXICO	01-800-SAMSUNG (7267864)	www.samsung.com/mx
U.S.A	1-800-SAMSUNG (7267864)	www.samsung.com
ARGENTINE	0800-333-3733	www.samsung.com/ar
BRAZIL	0800-124-421, 4004-0000	www.samsung.com/br
CHILE	800-726-7864 (SAMSUNG)	www.samsung.com/cl
COSTA RICA	0-800-507-7267	www.samsung.com/latin
ECUADOR	1-800-10-7267	www.samsung.com/latin
EL SALVADOR	800-6225	www.samsung.com/latin
GUATEMALA	1-800-299-0013	www.samsung.com/latin
JAMAICA	1-800-234-7267	www.samsung.com/latin
PANAMA	800-7267	www.samsung.com/latin
PUERTO RICO	1-800-682-3180	www.samsung.com/latin
REP. DOMINICA	1-800-751-2676	www.samsung.com/latin
TRINIDAD & TOBAGO	1-800-7267-864	www.samsung.com/latin
VENEZUELA	0-800-100-5303	www.samsung.com/latin
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BELGIUM	02 201 2418	www.samsung.com/be
CZECH REPUBLIC	844 000 844	www.samsung.com/cz
DENMARK	70 70 19 70	www.samsung.com/dk
FINLAND	030-6227 515	www.samsung.com/fi
FRANCE	3260 SAMSUNG or 08 25 08 65 65 (€0,15/Min)	www.samsung.com/fr
GERMANY	01805-121213 (€0,14/Min)	www.samsung.de
HUNGARY	06-80-SAMSUNG (7267864)	www.samsung.com/hu
ITALIA	800-SAMSUNG (7267864)	www.samsung.com/it

Country	Customer Care Center	Web Site
LUXEMBURG	0032 (0)2 201 24 18	www.samsung.lu
NETHERLANDS	0900 20 200 88 (€0,10/Min)	www.samsung.com/nl
NORWAY	815-56 480	www.samsung.com/no
POLAND	0 801 801 881	www.samsung.com/pl
PORTUGAL	80 8 200 128	www.samsung.com/pt
SLOVAKIA	0800-SAMSUNG (726786)	www.samsung.com/sk
SPAIN	902 10 11 30	www.samsung.com/es
SWEDEN	0771-400 200	www.samsung.com/se
U.K	0870 SAMSUNG (7267864)	www.samsung.com/uk
Republic of Ireland	0818 717 100	www.samsung.com/uk
Switzerland	0800-7267864	www.samsung.com/ch
RUSSIA	8-800-200-0400	www.samsung.ru
KAZAHSTAN	8-800-080-1188	www.samsung.kz
UZBEKISTAN	8-800-120-0400	www.samsung.uz
UKRAINE	8-800-502-0000	www.samsung.com/ur
LITHUANIA	8-800-77777	www.samsung.lt
LATVIA	800-7267	www.samsung.com/lv/index.htm
ESTONIA	800-7267	www.samsung.ee
AUSTRALIA	1300 362 603	www.samsung.com/au
CHINA	800-810-5858, 010-6475 1880	www.samsung.com.cn
HONG KONG	3698 -4698	www.samsung.com/hk
INDIA	3030 8282, 1800 110011	www.samsung.com/in
INDONESIA	0800-112-8888	www.samsung.com/id
JAPAN	0120-327-527	www.samsung.com/jp
MALAYSIA	1800-88-9999	www.samsung.com/my
PHILIPPINES	1800-10-SAMSUNG (7267864)	www.samsung.com/ph
SINGAPORE	1800-SAMSUNG (7267864)	www.samsung.com/sg
THAILAND	1800-29-3232, 02-689-3232	www.samsung.com/th
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